

## Message Text

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PAGE 01 STATE 153363  
ORIGIN EUR-12

INFO OCT-01 ISO-00 FEA-01 ACDA-07 CIAE-00 INR-07 IO-13  
L-03 NSAE-00 NSC-05 EB-07 NRC-05 OES-07 DODE-00  
ERDA-05 SS-15 SP-02 /090 R

DRAFTED BY EUR/NE:DCGOODMAN:LP  
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ACDA - L. GALLINI  
T - E. MCGAFFIGAN  
EUR/NE - R. WOODS  
-----018188 010644Z /21  
R 010026Z JUL 77  
FM SECSTATE WASHDC  
TO AMEMBASSY STOCKHOLM  
INFO AMEMBASSY PARIS

C O N F I D E N T I A L STATE 153363

E.O. 11652: GDS

TAGS:ENGR, SW

SUBJECT: SWEDEN'S NUCLEAR REPROCESSING PROBLEM

REF.: (A) STOCKHOLM 2620; (B) STOCKHOLM 562,  
(C) STOCKHOLM A-1

1. IF SWEDEN'S "CONDITIONS ACT" ON DISPOSAL OF SPENT  
NUCLEAR FUEL IS ESSENTIALLY AS DESCRIBED IN REFS B AND C,  
THEN THE ARGUMENT OF THAM ET AL. GIVEN IN PARA 4 OF STOCK-  
HOLM 2620 APPEARS TO OMIT THE ALTERNATIVE PROCEDURE AVAIL-  
ABLE TO SWEDISH POWER COMPANIES OF SHOWING "HOW AND WHERE  
AN ENTIRELY SAFE FINAL STORAGE OF USED, BUT NOT REPROCESSED,  
NUCLEAR FUEL CAN TAKE PLACE".

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PAGE 02 STATE 153363

2. EMBASSY'S EXCELLENT REPORTING ON SWEDEN'S NUCLEAR PRO-  
BLEM MAKES IT PLAIN ENOUGH THAT SWEDEN LOOKS TO REPROCESS-  
ING AS SOLUTION TO SPENT NUCLEAR FUEL DISPOSAL PROBLEM, AND  
DEPARTMENT IS, AS A RESULT, AWARE OF THE POLITICAL ASPECTS  
OF THE SITUATION. ALL OF THIS WILL NO DOUBT GET A  
THOROUGH AIRING DURING SODER VISIT AND SUBSEQUENT DISCUS-  
SIONS BETWEEN LEIFLAND AND NYE, BUT WE DO WISH TO NOTE THAT

IT IS OUR UNDERSTANDING THAT, UNDER SWEDISH LAW, REPROCESS-  
ING, WHILE PREFERRED, APPEARS NOT TO BE THE ONLY SOLUTION

PERMITTED. EMBASSY COMMENTS ON THIS POINT WOULD BE  
WELCOME.

3. WE RECOGNIZE, OF COURSE, THE PRESENT DIFFICULTY OF  
MEETING DEFINITION OF "ENTIRELY SAFE FINAL STORAGE OF USED,  
BUT NOT REPROCESSED, NUCLEAR FUEL". THIS IS A PRIME AREA  
FOR EXAMINATION BY INTERNATIONAL NUCLEAR FUEL CYCLE  
EVALUATION, AND WE WOULD WELCOME SWEDISH PARTICIPATION IN  
THIS EVALUATION. MOREOVER, THE U.S. WELCOMES COOPERATIVE  
RESEARCH ARRANGEMENTS, SUCH AS THE ONE PENDING BETWEEN  
ERDA AND THE SWEDISH POWER BOARD, WHICH INTER ALIA MAY  
DEMONSTRATE THE FEASIBILITY OF SAFE FINAL STORAGE OF UNRE-  
PROCESSED SPENT FUEL. DEPARTMENT WILL CONTINUE TO KEEP  
EMBASSY INFORMED OF OUR THINKING ON THIS PROBLEM AND OF  
DEVELOPMENTS HERE AFFECTING SWEDISH NUCLEAR PROGRAM. VANCE

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** NUCLEAR ENERGY, RADIOACTIVE WASTES  
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**Copy:** SINGLE  
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**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977STATE153363  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** DCGOODMAN:LP  
**Enclosure:** n/a  
**Executive Order:** GS  
**Errors:** N/A  
**Expiration:**  
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**Office:** ORIGIN EUR  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** 77 STOCKHOLM 2620, 77 STOCKHOLM 562, 77 STOCKHOLM A-1  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
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**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 1981975  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** SWEDEN\N NUCLEAR REPROCESSING PROBLEM  
**TAGS:** ENRG, SW  
**To:** STOCKHOLM  
**Type:** TE  
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**Review Markings:**  
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